

## CLAIMS

We claim:

1. A fuse status indicator assembly comprising:
  - a base having a generally planar back portion and having a shape for insertion into an opening in a fuse cartridge;
  - retainers for holding the base in the opening in the fuse cartridge;
  - a fuse status indicator electrically connected to at least one fuse contact, said fuse status indicator being illuminated so long as a fuse disposed in said fuse contacts is not blown; and
  - a first support projecting into the fuse cartridge from the base for supporting the fuse status indicator in position so as to be seen from a front of the fuse cartridge.
2. The fuse status indicator of claim 1, wherein the fuse status indicator is a neon bulb.
3. The fuse status indicator of claim 1, further comprising:
  - a second support disposed on an inwardly facing side of the base for locating a circuit element that is electrically connected to the fuse status indicator.
4. The fuse status indicator of claim 3, wherein the circuit element is a resistor.
5. The fuse status indicator of claim 1, further comprising a label for attachment to the fuse cartridge to indicate the electrical parameters of a fuse in the fuse cartridge.
6. The fuse status indicator assembly of claim 1, wherein the retainer further comprises barbed members extending forward from the back portion of the base, and a

retainer member for location inside the cartridge to receive and retain the barbed members.

7. A fuse status indicator assembly comprising:

- a base having a generally planar back portion having a shape for keyed insertion into an opening of corresponding shape in a fuse cartridge;

- snap-in retainers for holding the base in the opening in the fuse cartridge, while allowing removal of the assembly in response to a withdrawal force;

- a fuse status indicator electrically connected to at least one fuse contact, said fuse status indicator being illuminated so long as a fuse connecting said fuse contacts is not blown;

- a first support projecting into the fuse cartridge from the base for supporting the fuse status indicator in position so as to be seen from a front of the fuse cartridge; and

- means for urging circuit connections to the fuse status indicator into contact with exposed contacts in a cartridge which are covered by the base when the fuse contact assembly is installed.

8. The fuse status indicator assembly of claim 7 in which the fuse status indicator is electrically connected to a current limiting element that is also supported on the base.

9. A fuse cartridge assembly, comprising:

- a casing having an opening in which contacts to fuse clips are exposed;

- a retainer disposed behind the opening with apertures for receiving fastening members; and

- a fuse status indicator assembly comprising:

- a base having a generally planar back portion having a shape for insertion into the opening in the casing;

- snap-in fastening members for insertion into the apertures in the retainer for holding the base in the

opening in the casing, while allowing removal of the assembly in response to a withdrawal force; and

a fuse status indicator supported on the back portion and connected to leads for connection to the fuse contacts, said fuse status indicator being illuminated so long as a fuse connecting said fuse contacts is not blown.